

● PRINTER RUSH ●
(PTO ASSISTANCE)

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| Application : | <u>10/184,443</u> | | | Examiner : | <u>LARS A. OLSON</u> | | GAU : | <u>3607</u> |
| From: | <u>LIZ DIAZ</u> | | | Location: | <u>IDC</u> FMF FDC | | Date: | <u>7-7-05</u> |
| | | | Tracking #: | <u>06101923</u> | | Week Date: | <u>5-2-05</u> | |

| DOC CODE | DOC DATE | MISCELLANEOUS |
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| <input type="checkbox"/> 1449 | | <input type="checkbox"/> Continuing Data |
| <input type="checkbox"/> IDS | | <input type="checkbox"/> Foreign Priority |
| <input type="checkbox"/> CLM | | <input type="checkbox"/> Document Legibility |
| <input type="checkbox"/> IIFW | | <input type="checkbox"/> Fees |
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| <input type="checkbox"/> 312 | | |
| <input checked="" type="checkbox"/> SPEC | <u>2-23-04</u> | |

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| [RUSH] MESSAGE: | <u>Figure 14 is labeled in Drawings But not in Brief Description.</u> |
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| <u>Thank You LIZ DIAZ</u> | |

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| [XRUSH] RESPONSE: | <u>Typo corrected.</u> |
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| <u>INITIALS: SBH</u> | |

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.
REV 10/04

Fig. 12 presents an enlarged partial cross section, as taken through line 12-12 of Fig. 2 that shows how the blower discharge gas is accelerated to thereby increase its dynamic pressure component. Note how the waterline is depressed by the high energy of the gas discharging into the gas cushion.

Fig. 13 presents a 3 dimensional look at a typical blower as it would be discharging through an aft portion of a gas cushion forward gas seal member. Note how the gas has been accelerated to increase its dynamic pressure component by necking down the discharge.

JBH
7-20-05

Fig. ¹⁴ gives a slight variation of the instant invention where a center bow member has been installed between sidehulls. There are two forward gas cushion seal members here. One is between each of the sidehull bows and the center bow.

Fig. 15 presents a bow view of the instant invention improved surface effect ship of claim 14.

Fig. 16 is a cross section, as taken through line 16-16 of Fig. 14, that shows the blower discharges disposed in the forward gas cushion seals either side of the center bow member.

Fig. 12 gives another half-breadth cross section, as taken through line 12-12 of Fig. 2, that illustrates a typical midship section. Note the fluid fence that is vertically oriented here.

DETAILED DESCRIPTION

Fig. 1 presents an underside 3D perspective of the enhanced surface effect ship 37 to the instant invention. Items to note are forward extending port bow member 49 and starboard bow 50. These bow members extend forward of a gas cushion forward seal